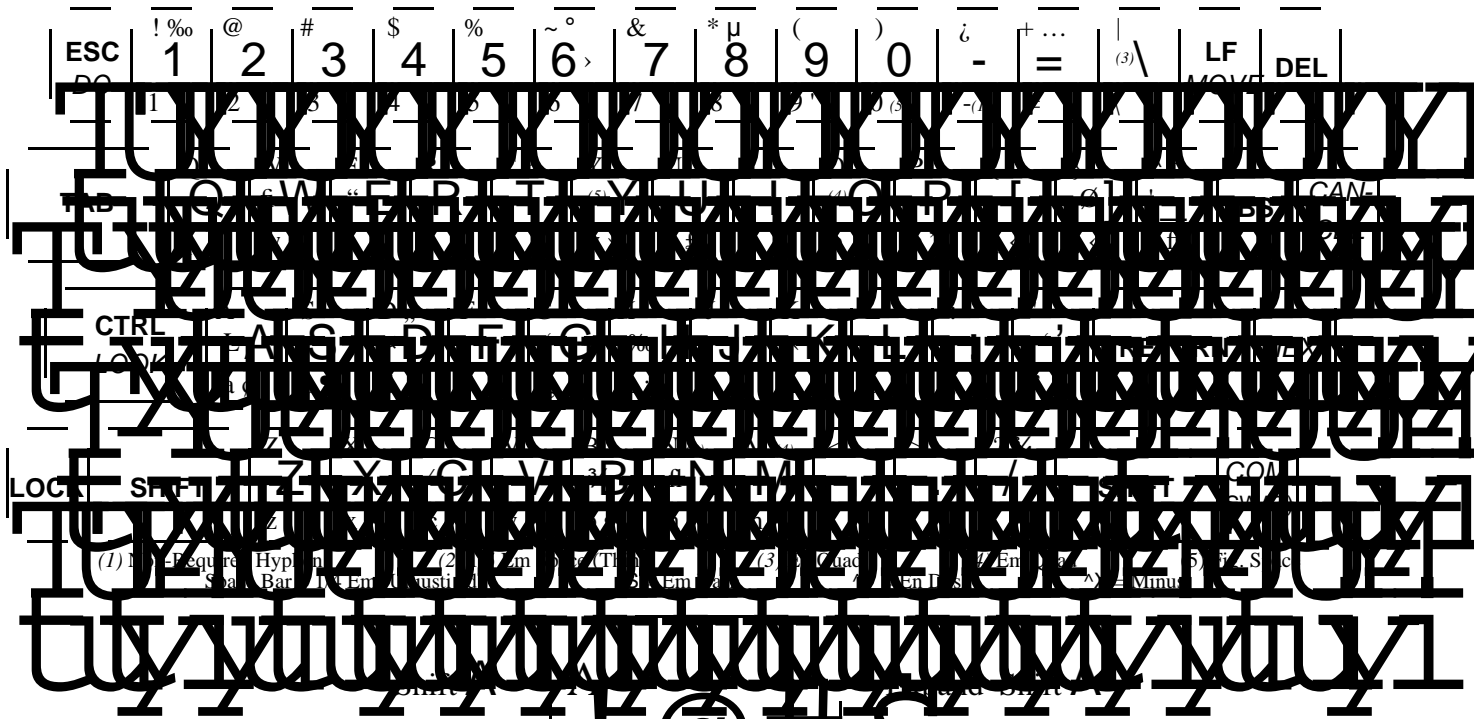
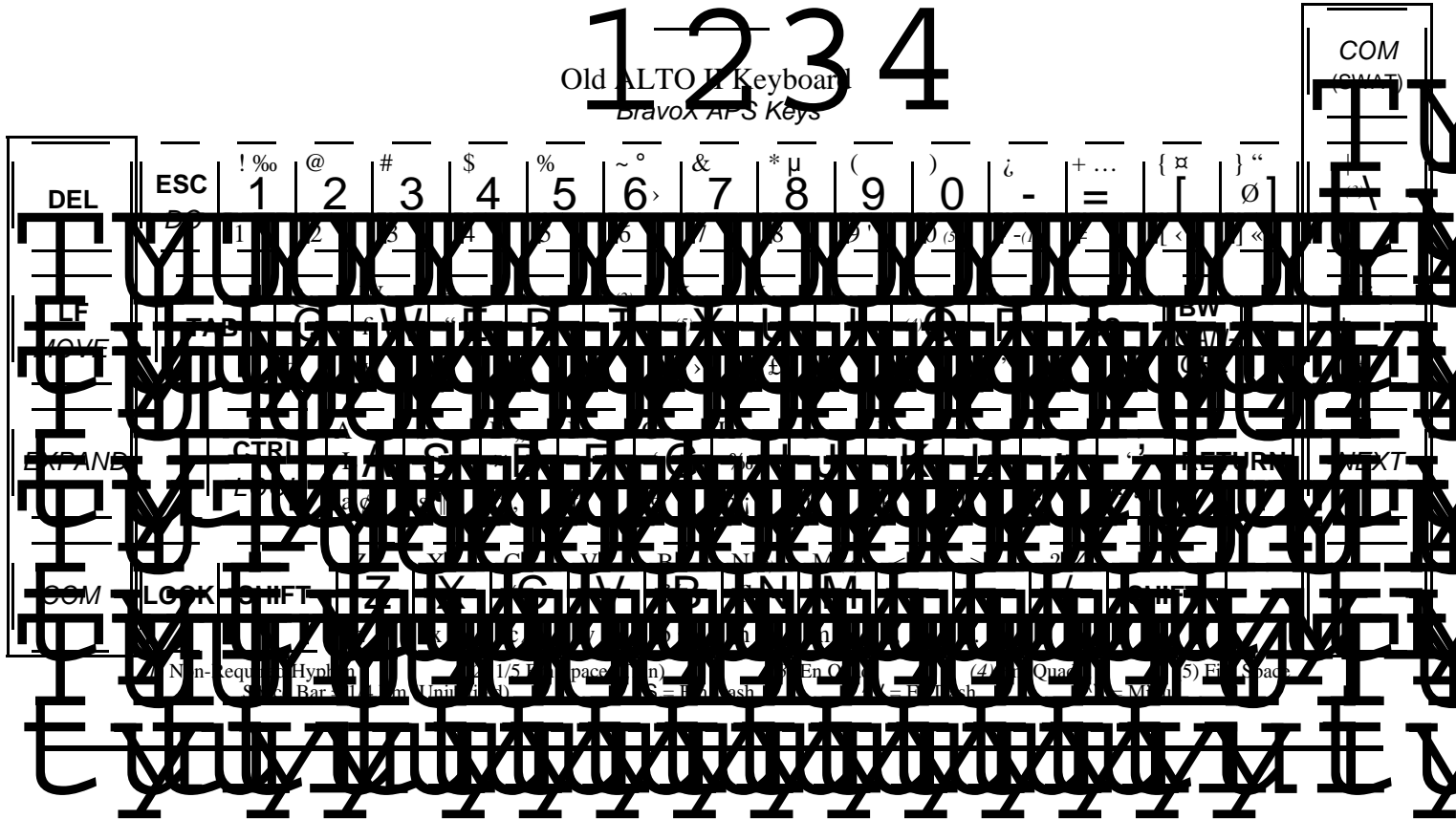


ALTO 1 and new ALTO II keyboard  
BravoX APS Keys



Control A | ! @ # \$ | Control Shift A  
A a ç Expand A

1 2 3 4  
Old ALTO II Keyboard  
BravoX APS Keys



# TimesRoman Special Character Locations

^x=Control x                      x+= x CMD y  
 NOTE: In most programs Control and Expand characters are not direct entry.

CHAR.	KEY	OCTAL	NAME	CHAR.	KEY	OCTAL	NAME
<<.....]	+ .....	253 .....	Accent, Acute	.....+	.....	236 .....	En Leader
<<..... ^k	.....	013 .....	Accent, Acute (zero width)	-.....-+	.....	337 .....	Hyphen, Non-Required
fi..... ^+	.....	256 .....	Accent, Breve	..... f+ or ^f	.....	220 or 6 .....	Ligature ff
fi..... ^w	.....	027 .....	Accent, Breve (zero width)	.... q+ or ^q	.....	221 or 21 .....	Ligature ffi
' .....	9+ .....	251 .....	Accent, Circle	.... r+ or ^r	.....	222 or 22 .....	Ligature ffl
' .....	^_ .....	037 .....	Accent, Circle (zero width)	..... i+ or ^t	.....	223 or 24 .....	Ligature fi
< .....	[+ .....	254 .....	Accent, Circumflex	..... l+ or ^u	.....	224 or 25 .....	Ligature fl
< .....	^e&^k .....	.....	Accent, Circumflex (zero width)	.... u.c.- or ^x	.....	235 or 30 .....	Minus Sign
“ .....	}+ .....	252 .....	Accent, Grave	” .....	p+ .....	272 .....	Paragraph Sign
“ .....	^e .....	005 .....	Accent, Grave (zero width)	..... ++	.....	274 .....	Plus-Minus Sign
Ł .....	:+ .....	350 .....	Accent, Hachek	.... M+ or ^o	.....	231 or 17 .....	Quad, Em
Ł .....	^a .....	001 .....	Accent, Hachek (zero width)	.... N+ or ^\	.....	230 or 34 .....	Quad, En
Ø .....	;+ .....	351 .....	Accent, Low Dot	‘ .....	'+ or ^' .....	140 or 7 .....	Quote Open
Ø .....	^] .....	035 .....	Accent, Low Dot (zero width)	¶ .....	s+ .....	266 .....	Section Sign
fl .....	_+ .....	257 .....	Accent, Macron	..... 0+ or ^y	.....	232 or 31 .....	Space, Figure
fl .....	^n .....	016 .....	Accent, Macron (zero width)	..... T+	.....	237 .....	Space, Thin (1/5 Em)
> .....	y+ .....	255 .....	Accent, Tilde	%o.....!	+ or ^h .....	275 or 10 .....	Spanish Exclamation
> .....	^~ .....	036 .....	Accent, Tilde (zero width)	¾..... ?+	or ^b .....	276 .....	or 2 Spanish Question Mark
ǣ .....	{+ .....	250 .....	Accent, Umlaut	μ .....	*+ .....	265 .....	Star Sign
ǣ .....	^d .....	004 .....	Accent, Umlaut (zero width)	—..... L+	.....	261 .....	Sterling Sign
• .....	b+ .....	267 .....	Bullet Sign	..... G+	.....	200 .....	Umlaut A
/ .....	c+ or ^c .....	244 or 3 .....	Cedilla c	..... g+	.....	240 .....	Umlaut a
° .....	~+ .....	260 .....	Cent Sign	..... H+	.....	201 .....	Umlaut O
.....	A+ .....	202 .....	Circle A	j .....	h+ .....	241 .....	Umlaut o
¢ .....	a+ .....	242 .....	Circle a	£ .....	u+ .....	243 .....	Umlaut u
, .....	d+ .....	270 .....	Dagger Sign	¿ .....	-+ .....	277 .....	Under Score
„.....	D+ .....	271 .....	Dagger, Double Sign				
.....	m+ or ^s .....	234 or 23 .....	Dash, Em				